



Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **2 x 8**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Product Type Features

Connectors & Connector Components Type	Connector
Connector Product Type	Connector Assembly
Ground Component Type	Grounding Contact
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	11
Port Configuration	Multiple Ports
Port Matrix Configuration	2 x 8
Connector Contact Density	Standard
Multiple Port Configuration	Stacked
Status Indicator Type	LED
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features



Grounding Tab Plating Material	Tin over Copper
Shield Plating Material	Tin over Copper
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Offset - Overhangs PCB
LED Color (Bottom Left)	Green
LED Color (Bottom Right)	Yellow
LED Color (Top Left)	Green
LED Color (Top Right)	Yellow

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[15 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	4.35 mm[.171 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount, Panel Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	PBT GF

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	22.99 mm[.905 in]

Usage Conditions

Operating Temperature Range	-30 – 70 °C[-22 – 158 °F]
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Operation/Application



Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 5e

Packaging Features

Packaging Quantity	10
Packaging Method	Tray

Other

Comment	With 4 PCB ACTION PIN™ grounds.
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 188729-1
8P.COVER/SOLD.STOP

TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

Customers Also Bought

TE Part #10202003-00
Pressure Transducers Readily Available

TE Part #T4140512041-000
M12 Panel Mount PCB

TE Part #1-5645986-2
Mini Spring Sockets: Bullet Nose, 5A

TE Part #1410968-3
MULTIGIG RT2 7RW RTM DC DF CT

TE Part #1410975-3
MULTIGIG RT2 7RW DC RTM CT

TE Part #1-2176093-5
RP 2A 0.25W 13K3 0.1% 25PPM 1K RL

TE Part #1-2176331-6
CRGP 2512 180R 1%

TE Part #1622464-1
LR1 1% 3K6

TE Part #103327-4
04 MODII HDR SRST B/A .100CL

TE Part #1-644752-8
18P MTA156 HDR ASSY SQ STR F/L

Documents

Product Drawings
2X8 OFFSET STK MJ,SHLD,LED(Y&G)
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_6116317-6_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_6116317-6_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6116317-6_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English